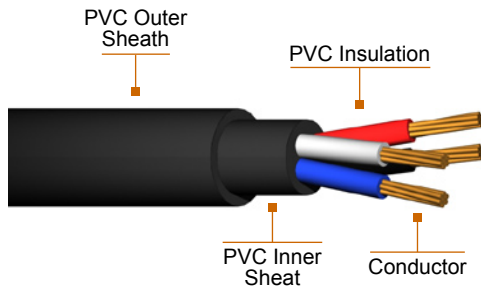


## PD-NYY (Table 7 of TIS 11-2531 Standard)

750 V 70°C PVC Insulated and Double Sheathed, Four Core



### Detail Description or Construction

#### Conductor

Annealed copper, solid or stranded sizes 1 mm<sup>2</sup> up to 300 mm<sup>2</sup>

#### Insulation

Heat resistant Polyvinyl Chloride (Grey, Black, Red and Blue Color)

#### Inner Sheath

Heat resistant Polyvinyl Chloride (Black color)

#### Outer Sheath

Heat resistant Polyvinyl Chloride (Black color)

### Application

Feeder, branch circuit cable, maximum conductor temperature 70°C, circuit voltage does not exceed 750 volts.

### Standards / Testing Specifications

- PD-NYY meets or exceeds applicable TIS 11-2531 standards and requirements of Thai Industrial Standard.

### Marking

PHELPS DODGE 3x (SIZE) SQ.MM.  
PD-NYY 750V PVC 70°C ⊕ TIS 11-2531  
TABLE 7.

### Installation

For installation exposed, or in raceway, wet or dry location, or direct burial in ground.



## PD-NYY (Table 7 of TIS 11-2531 Standard)

750 V 70°C PVC Insulated and Double Sheathed, Four Core

PHELPS DODGE TYPE LETTER	Nominal Sectional Area	Number & Diameter of Wire	Thickness of Insulation	Thickness of Inner Sheath	Thickness of Outer Sheath	Overall Diameter	Allowable Ampacities Free Air @ 40°C	Minimum Insulation Resistance @ 70°C	Cable Weight (approx)	Standard Packing
	mm <sup>2</sup>	No. / mm	mm	mm	mm	mm	A	MΩ - km	kg / km	m
4 x 1 PD-NYY	1	1/1.13	0.8	0.8	1.8	13.5	11.5	0.0141	200	500/R
4 x 1 PD-NYY	1	7/0.40	0.8	0.8	1.8	14.0	11.5	0.0135	200	500/R
4 x 1.5 PD-NYY	1.5	1/1.38	0.8	0.8	1.8	14.0	15	0.0123	230	500/R
4 x 1.5 PD-NYY	1.5	7/0.50	0.8	0.8	1.8	14.5	15	0.0116	230	500/R
4 x 2.5 PD-NYY	2.5	1/1.78	0.8	0.8	1.8	15.0	21	0.0102	290	500/R
4 x 2.5 PD-NYY	2.5	7/0.67	0.8	0.8	1.8	16.0	21	0.0093	290	500/R
4 x 4 PD-NYY	4	1/2.25	0.9	0.8	1.8	17.0	28	0.0094	390	500/R
4 x 4 PD-NYY	4	7/0.85	0.9	0.8	1.8	17.5	28	0.0085	390	500/R
4 x 6 PD-NYY	6	7/1.04	0.9	0.8	1.8	19.0	36	0.0073	530	500/R
4 x 10 PD-NYY	10	7/1.35	1.1	0.8	2.0	23.0	50	0.0069	810	500/R
4 x 16 PD-NYY	16	7/1.70	1.1	1.2	2.0	26.5	66	0.0054	1,160	500/R
4 x 25 PD-NYY	25	7/2.14	1.3	1.2	2.0	31.0	84	0.0057	1,700	500/R
4 x 35 PD-NYY	35	19/1.53	1.3	1.5	2.2	35.0	104	0.0047	2,240	500/R
4 x 50 PD-NYY	50	19/1.78	1.5	1.5	2.2	39.5	125	0.0046	3,070	500/R
4 x 70 PD-NYY	70	19/2.14	1.5	1.5	2.4	44.5	160	0.0039	3,970	500/R
4 x 95 PD-NYY	95	19/2.52	1.7	1.8	2.6	51.5	194	0.0038	5,410	300/R
4 x 120 PD-NYY	120	37/2.03	1.7	1.8	2.8	56.0	225	0.0034	6,640	300/R
4 x 150 PD-NYY	150	37/2.25	1.9	2.0	3.0	62.0	256	0.0034	8,130	300/R
4 x 185 PD-NYY	185	37/2.52	2.1	2.0	3.2	68.0	297	0.0034	10,050	200/R
4 x 240 PD-NYY	240	61/2.25	2.3	2.2	3.4	76.5	351	0.0033	12,960	200/R
4 x 300 PD-NYY	300	61/2.52	2.5	2.2	3.8	85.0	404	0.0032	16,040	150/R

C = Packing in coil  
R = Packing in reel